

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number
WO 2005/082989 A1

(51) International Patent Classification?: **C08K 3/22,**
5/098, C08L 23/02, C08K 3/18

H [US/US]; 54 Orchid Court, Lake Jackson, TX 77566
(US).

(21) International Application Number:
PCT/IB2005/000311

(74) Agent: **BIELEFELDT, Florian**; Rothausstrasse 61,
CH-4132 Muttenz (CH).

(22) International Filing Date: 4 February 2005 (04.02.2005)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: **English**

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: **English**

Published:
— with international search report

(30) Priority Data:
04003489.4 17 February 2004 (17.02.2004) EP
04009516.8 22 April 2004 (22.04.2004) EP

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(71) Applicant (for all designated States except US): **CLARI-ANT INTERNATIONAL LTD [CH/CH]**; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KRÖHNKE, Christoph** [DE/DE]; Kléingasse 23, 79206 Breisach-Oberriemsingen (DE). **MALIK, Jan** [SK/FR]; 4Bis, Rue du Général Cassagnou, F-68300 St. Louis (FR). **STANIEK, Peter** [DE/DE]; Muehlenstrasse 30, 79589 Binzen (DE). **BERENDSEN, Gert** [NL/NL]; Waterdijkbos 6A, NL-4553 DB Philippine (NL). **LEE, Robin J** [US/US]; 122 Aster Lane, Lake Jackson, TX 77566 (US). **HO, Thoi**



A1

WO 2005/082989

(54) Title: POLYOLEFIN COMPOSITIONS COMPRISING HYDRATED INORGANIC OR ORGANIC COMPOUNDS FOR THE PREVENTION OF DISCOLORATION

(57) Abstract: The invention relates to a polyolefin composition comprising a water releasing additive comprising hydrated inorganic or organic compounds as well as to a process for prevention of discoloration in polyolefins.